```
UUU            UUU   EEEEEEEEEEEEEEEE   TTTTTTTTTTTTTTTT   PPPPPPPPPPP
UUU            UUU   EEEEEEEEEEEEEEEE   TTTTTTTTTTTTTTTT   PPPPPPPPPPP
UUU            UUU   EEEEEEEEEEEEEEEE   TTTTTTTTTTTTTTTT   PPPPPPPPPPP
UUU            UUU   EEE                      TTT          PPP        PPP
UUU            UUU   EEE                      TTT          PPP        PPP
UUU            UUU   EEE                      TTT          PPP        PPP
UUU            UUU   EEE                      TTT          PPP        PPP
UUU            UUU   EEE                      TTT          PPP        PPP
UUU            UUU   EEEEEEEEEEEE             TTT          PPPPPPPPPPP
UUU            UUU   EEEEEEEEEEEE             TTT          PPPPPPPPPPP
UUU            UUU   EEEEEEEEEEEE             TTT          PPPPPPPPPPP
UUU            UUU   EEE                      TTT          PPP
UUU            UUU   EEE                      TTT          PPP
UUU            UUU   EEE                      TTT          PPP
UUU            UUU   EEE                      TTT          PPP
UUU            UUU   EEE                      TTT          PPP
UUU            UUU   EEE                      TTT          PPP
UUUUUUUUUUUUUUUUU    EEEEEEEEEEEEEEEE         TTT          PPP
UUUUUUUUUUUUUUUUU    EEEEEEEEEEEEEEEE         TTT          PPP
UUUUUUUUUUUUUUUUU    EEEEEEEEEEEEEEEE         TTT          PPP
```

```
**FILE**ID**UETCOMSOO
```

```
 UU       UU  EEEEEEEEEE  TTTTTTTTTT   CCCCCCCC     000000     MM       MM   SSSSSSSS     000000       000000
 UU       UU  EEEEEEEEEE  TTTTTTTTTT   CCCCCCCC     000000     MM       MM   SSSSSSSS     000000       000000
 UU       UU  EE              TT      CC          00      00   MMMM   MMMM  SS          00      00   00      00
 UU       UU  EE              TT      CC          00      00   MMMM   MMMM  SS          00      00   00      00
 UU       UU  EE              TT      CC          00    0000   MM  MM MM  MM  SS        00    0000   00    0000
 UU       UU  EEEEEEE         TT      CC          00    00 00  MM   MMM   MM  SSSSSS    00   00 00   00   00 00
 UU       UU  EEEEEEE         TT      CC          00   00  00  MM       MM  SSSSSS    00  00  00    00  00  00
 UU       UU  EE              TT      CC          00   00  00  MM       MM        SS  0000    00    0000    00
 UU       UU  EE              TT      CC          00  00   00  MM       MM        SS  0000    00    0000    00
 UU       UU  EE              TT      CC          00 00    00  MM       MM        SS  00      00    00      00
 UUUUUUUUUU   EEEEEEEEEE      TT       CCCCCCCC     000000     MM       MM   SSSSSSSS     000000       000000
 UUUUUUUUUU   EEEEEEEEEE      TT       CCCCCCCC     000000     MM       MM   SSSSSSSS     000000       000000


 MM       MM   AAAAAA    PPPPPPPP
 MM       MM   AAAAAA    PPPPPPPPP
 MMMM   MMMM  AA      AA  PP      PP
 MMMM   MMMM  AA      AA  PP      PP
 MM  MM MM  MM  AA      AA  PP      PP
 MM   MMM   MM  AA      AA  PPPPPPPP
 MM       MM  AA      AA  PPPPPPPP
 MM       MM  AAAAAAAAAA  PP
 MM       MM  AAAAAAAAAA  PP
 MM       MM  AA      AA  PP
 MM       MM  AA      AA  PP
 MM       MM  AA      AA  PP
 MM       MM  AA      AA  PP
```

_$2

Val

000
000
000
000
000
000
000
000
000
000
000
000
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF

```
                              +----------------------------+
                              ! Object Module Synopsis !
                              +----------------------------+

Module Name      Ident          Bytes      File                                    Creation Date          Creator
-----------      -----          -----      ----                                    -------------          -------
UETCOMSOO        V04-000         6988   _$255$DUA28:[UETP.OBJ]UETP.OLB;1         16-SEP-1984 01:39    VAX/VMS Macro V04-00
SYS$IODEF        V04-000            0   _$255$DUA28:[SYSLIB]STARLET.OLB;2        16-SEP-1984 00:18    VAX/VMS Macro V04-00
RMS$GLOBALS      V04-000            0   _$255$DUA28:[SYSLIB]STARLET.OLB;2        16-SEP-1984 01:35    VAX/VMS Macro V04-00
SYS$MISCDEF      V04-000            0   _$255$DUA28:[SYSLIB]STARLET.OLB;2        16-SEP-1984 00:36    VAX/VMS Macro V04-00
SYS$P1_VECTOR    V04-000            0   _$255$DUA28:[SYSLIB]STARLET.OLB;2        16-SEP-1984 00:40    VAX/VMS Macro V04-00
LIBRTL           V04-000            0   _$255$DUA28:[SYSLIB]LIBRTL.EXE;1         16-SEP-1984 04:00    VAX-11 Linker V04-00
```

```
                         +---------------------------+
                         ! Image Section Synopsis !
                         +---------------------------+
```

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	3	00000200	2	0	READ ONLY				
	0	5	00000800	5	0	READ WRITE COPY ON REF				
	0	7	00001200	10	0	READ ONLY				
	0	1	00002000	17	0	READ WRITE COPY ON REF				
	0	1	00002200	18	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11

```
        Key for special characters above:
            +---------------------+
            ! R  - Relocatable !
            ! P  - Protected   !
            +---------------------+
```

```
                              +------------------------------+
                              ! Program Section Synopsis !
                              +------------------------------+
```

Psect Name	Module Name	Base	End	Length	Align	Attributes
RODATA		00000200	0000078A	0000058B (	1419.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	UETCOMS00	00000200	0000078A	0000058B (	1419.) PAGE 9	
RWDATA		00000800	0000105B	0000085C (	2140.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	UETCOMS00	00000800	0000105B	0000085C (	2140.) PAGE 9	
COMS		00001200	00001F41	00000D42 (	3394.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	UETCOMS00	00001200	00001F41	00000D42 (	3394.) PAGE 9	
$RMSNAM		00002000	00002022	00000023 (	35.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	UETCOMS00	00002000	00002022	00000023 (	35.) BYTE 0	

```
+----------------------------+
! Symbol Cross Reference !
+----------------------------+
```

Symbol	Value	Defined By	Referenced By ...
IO$M_ATTNAST	00000100	SYS$IODEF	UETCOMS00
IO$M_CTRLCAST	00000100	SYS$IODEF	UETCOMS00
IO$M_SHUTDOWN	00000080	SYS$IODEF	UETCOMS00
IO$M_STARTUP	00000040	SYS$IODEF	UETCOMS00
IO$_READVBLK	00000031	SYS$IODEF	UETCOMS00
IO$_SETMODE	00000023	SYS$IODEF	UETCOMS00
IO$_WRITEVBLK	00000030	SYS$IODEF	UETCOMS00
LIB$SIGNAL	00002250-RX	LIBRTL	UETCOMS00
OTS$CVT_TI_L	0000224C-RX	LIBRTL	UETCOMS00
RMS$_BLN	0001842C	RMS$GLOBALS	UETCOMS00
RMS$_BUSY	0001848C	RMS$GLOBALS	UETCOMS00
RMS$_CDA	0001C0E4	RMS$GLOBALS	UETCOMS00
RMS$_FAB	0001850C	RMS$GLOBALS	UETCOMS00
RMS$_RAB	0001863C	RMS$GLOBALS	UETCOMS00
SEC$M_EXPREG	00020000	SYS$MISCDEF	UETCOMS00
SEC$M_GBL	00000001	SYS$MISCDEF	UETCOMS00
STR$UPCASE	00002248-RX	LIBRTL	UETCOMS00
SYS$ASSIGN	7FFEDE50	SYS$P1_VECTOR	UETCOMS00
SYS$CANTIM	7FFEDE68	SYS$P1_VECTOR	UETCOMS00
SYS$CLREF	7FFEDE98	SYS$P1_VECTOR	UETCOMS00
SYS$CONNECT	7FFEE1C0	SYS$P1_VECTOR	UETCOMS00
SYS$CREMBX	7FFEDEB8	SYS$P1_VECTOR	UETCOMS00
SYS$CRMPSC	7FFEDE78	SYS$P1_VECTOR	UETCOMS00
SYS$DCLEXH	7FFEDEF0	SYS$P1_VECTOR	UETCOMS00
SYS$EXIT	7FFEDF40	SYS$P1_VECTOR	UETCOMS00
SYS$EXPREG	7FFEDF48	SYS$P1_VECTOR	UETCOMS00
SYS$FAO	7FFEDF50	SYS$P1_VECTOR	UETCOMS00
SYS$GET	7FFEE180	SYS$P1_VECTOR	UETCOMS00
SYS$GETDEV	7FFEE0D0	SYS$P1_VECTOR	UETCOMS00
SYS$GETDVI	7FFEE410	SYS$P1_VECTOR	UETCOMS00
SYS$GETMSG	7FFEE0B0	SYS$P1_VECTOR	UETCOMS00
SYS$MGBLSC	7FFEDFA8	SYS$P1_VECTOR	UETCOMS00
SYS$OPEN	7FFEE208	SYS$P1_VECTOR	UETCOMS00
SYS$PUTMSG	7FFEE0E0	SYS$P1_VECTOR	UETCOMS00
SYS$QIO	7FFEDFC8	SYS$P1_VECTOR	UETCOMS00
SYS$QIOW	7FFEDE00	SYS$P1_VECTOR	UETCOMS00
SYS$SETAST	7FFEDFF8	SYS$P1_VECTOR	UETCOMS00
SYS$SETEF	7FFEE000	SYS$P1_VECTOR	UETCOMS00
SYS$SETIMR	7FFEE020	SYS$P1_VECTOR	UETCOMS00
SYS$SETPRN	7FFEE010	SYS$P1_VECTOR	UETCOMS00
SYS$SETSFM	7FFEE040	SYS$P1_VECTOR	UETCOMS00
SYS$TRNLOG	7FFEE058	SYS$P1_VECTOR	UETCOMS00
SYS$UPDATE	7FFEE1A0	SYS$P1_VECTOR	UETCOMS00
SYS$WAITFR	7FFEE078	SYS$P1_VECTOR	UETCOMS00
SYS$WFLAND	7FFEE088	SYS$P1_VECTOR	UETCOMS00
UETCOMS00	00001200-R	UETCOMS00	

```
                                    +--------------------+
                                    ! Symbols By Value !
                                    +--------------------+


Value                                      Symbols...
-----                                      ----------
00000001        SEC$M_GBL
00000023        IO$_SETMODE
00000030        IO$_WRITEVBLK
00000031        IO$_READVBLK
00000040        IO$M_STARTUP
00000080        IO$M_SHUTDOWN
00000100        IO$M_ATTNAST       IO$M_CTRLCAST
00001200        R-UETCOMS00
00002248        RX-STR$UPCASE
0000224C        RX-OTS$CVT_TI_L
00002250        RX-LIB$SIGNAL
0001842C        RMS$_BLN
0001848C        RMS$_BUSY
0001850C        RMS$_FAB
0001863C        RMS$_RAB
0001C0E4        RMS$_CDA
00020000        SEC$M_EXPREG
7FFEDE00        SYS$QIOW
7FFEDE50        SYS$ASSIGN
7FFEDE68        SYS$CANTIM
7FFEDE78        SYS$CRMPSC
7FFEDE98        SYS$CLREF
7FFEDEB8        SYS$CREMBX
7FFEDEF0        SYS$DCLEXH
7FFEDF40        SYS$EXIT
7FFEDF48        SYS$EXPREG
7FFEDF50        SYS$FAO
7FFEDFA8        SYS$MGBLSC
7FFEDFC8        SYS$QIO
7FFEDFF8        SYS$SETAST
7FFEE000        SYS$SETEF
7FFEE010        SYS$SETPRN
7FFEE020        SYS$SETIMR
7FFEE040        SYS$SETSFM
7FFEE058        SYS$TRNLOG
7FFEE078        SYS$WAITFR
7FFEE088        SYS$WFLAND
7FFEE0B0        SYS$GETMSG
7FFEE0D0        SYS$GETDEV
7FFEE0E0        SYS$PUTMSG
7FFEE180        SYS$GET
7FFEE1A0        SYS$UPDATE
7FFEE1C0        SYS$CONNECT
7FFEE208        SYS$OPEN
7FFEE410        SYS$GETDVI
```

Value   Symbols...
-----   ----------

        Key for special characters above:
             +--------------------+
             ! * - Undefined   !
             ! U - Universal   !
             ! R - Relocatable   !
             ! X - External   !
             +--------------------+

```
                                            +-------------------+
                                            ! Image Synopsis !
                                            +-------------------+

Virtual memory allocated:                   00000200 000023FF 00002200 (8704. bytes, 17. pages)
Stack size:                                         20. pages
Image header virtual block limits:                  1.       1. (     1. block)
Image binary virtual block limits:                  2.      18. (    17. blocks)
Image name and identification:              UETCOMS00 V04-000
Number of files:                                    5.
Number of modules:                                  6.
Number of program sections:                         8.
Number of global symbols:                         288.
Number of cross references:                        91.
Number of image sections:                           8.
User transfer address:                      00001200
Number of code references to shareable images:      3.
Image type:                                 EXECUTABLE.
Map format:                                 FULL WITH CROSS REFERENCE in file _$255$DUA28:[UETP.LIS]UETCOMS00.MAP;1
Estimated map length:                       64. blocks
                                            +-------------------------+
                                            ! Link Run Statistics !
                                            +-------------------------+

Performance Indicators              Page Faults   CPU Time        Elapsed Time
----------------------              -----------   --------        ------------
     Command processing:                     81   00:00:00.17     00:00:00.40
     Pass 1:                                143   00:00:01.93     00:00:07.98
     Allocation/Relocation:                  26   00:00:00.12     00:00:00.82
     Pass 2:                                 49   00:00:00.97     00:00:03.38
     Map data after object module synopsis:  24   00:00:00.38     00:00:00.46
     Symbol table output:                     2   00:00:00.03     00:00:00.26
Total run values:                           325   00:00:03.60     00:00:13.30
```

Using a working set limited to 900 pages and 65 pages of data storage (excluding image)

Total number object records read (both passes):   424
    of which 203 were in libraries and 2 were DEBUG data records containing 119 bytes

Number of modules extracted explicitly   = 1
    with 4 extracted to resolve undefined symbols

90 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXE$:UETCOMS00/NOTRACE/MAP=MAP$:UETCOMS00/FULL/CROSS LIB$:UETP.OLB/LIBRARY/INCLUDE=UETCOMS00

UETIDBDEF SDL

UETDMPF00 MAP

UETTTY500 MAP

UETNRMS01 MAP

SATSSF18 MAP

UETFORT01 MAP

SATSSS10 MAP

UETFORT03 MAP

UETTAPE00 MAP

TCNTRLDEF SDL

UETDISK00 MAP

UETUNT SDL

UETNET500 MAP

UETP

SATSSF17 MAP

UETDR1W00 MAP

UETPHAS00 MAP

UETUNAS00 MAP

SYSTSTMAC MAR

SATSSS09 MAP

UETFORT02 MAP

UETCOMS00 MAP

UETLPAK00 MAP